

**FIG. 1**

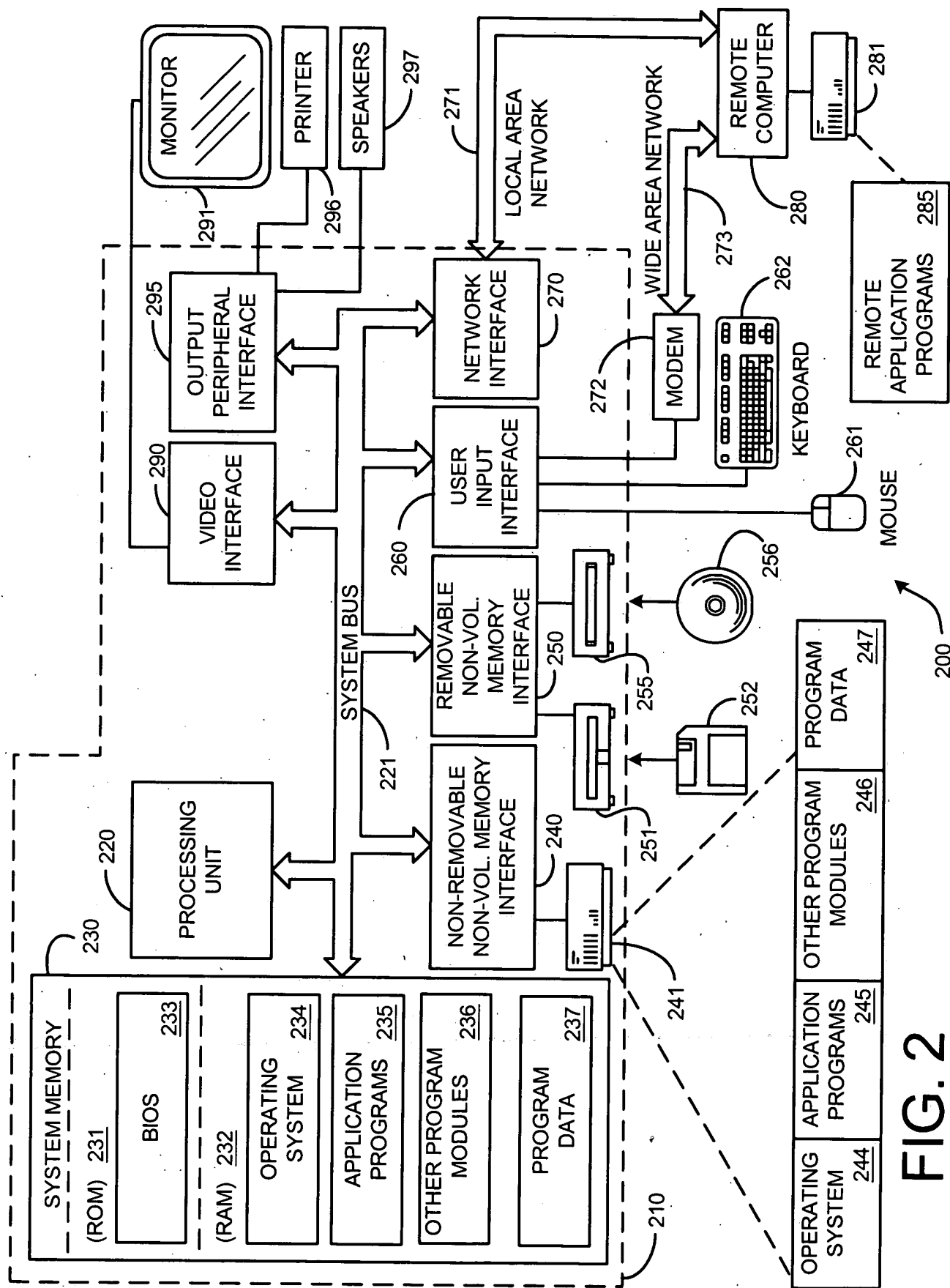


FIG. 2

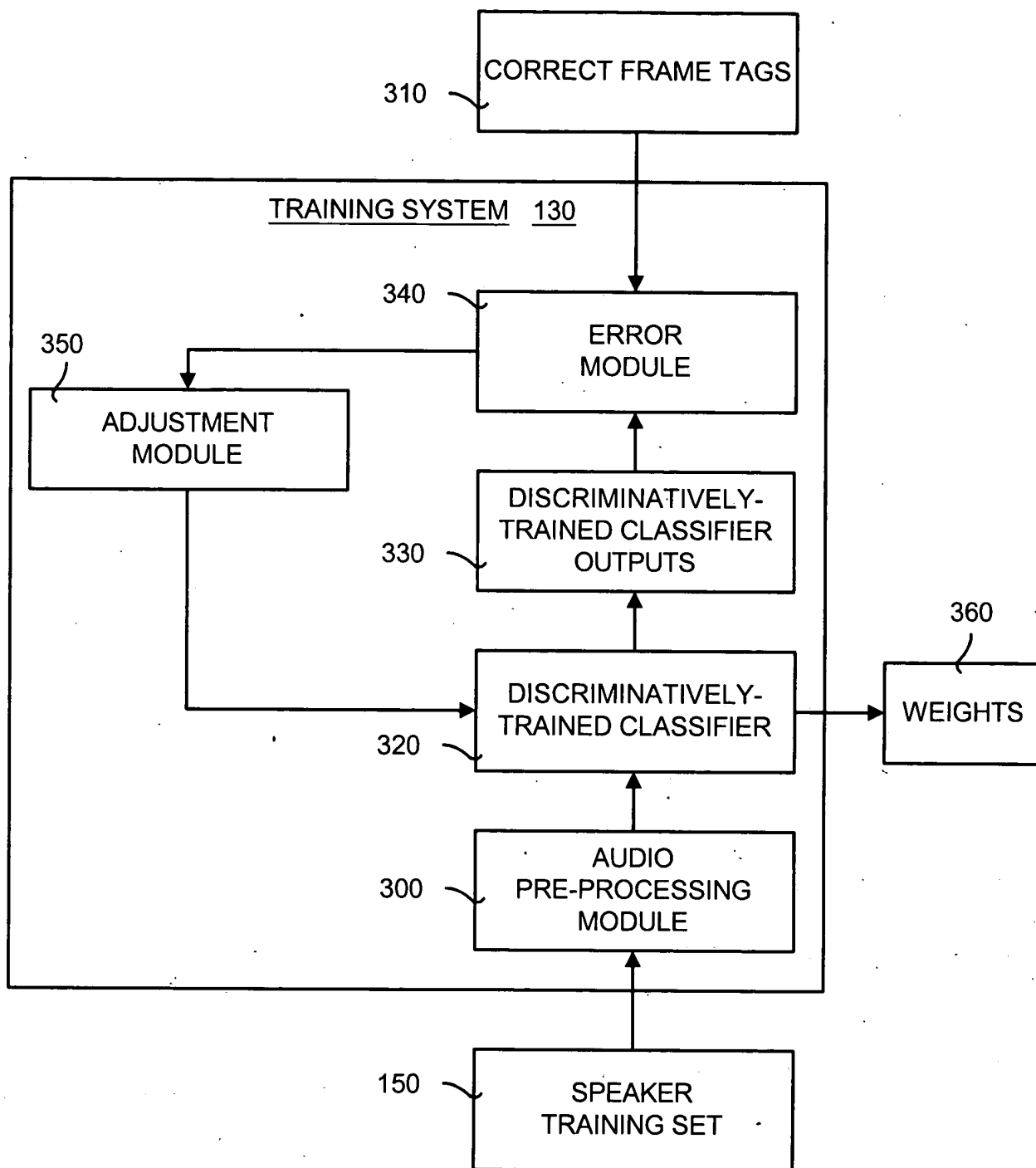


FIG. 3

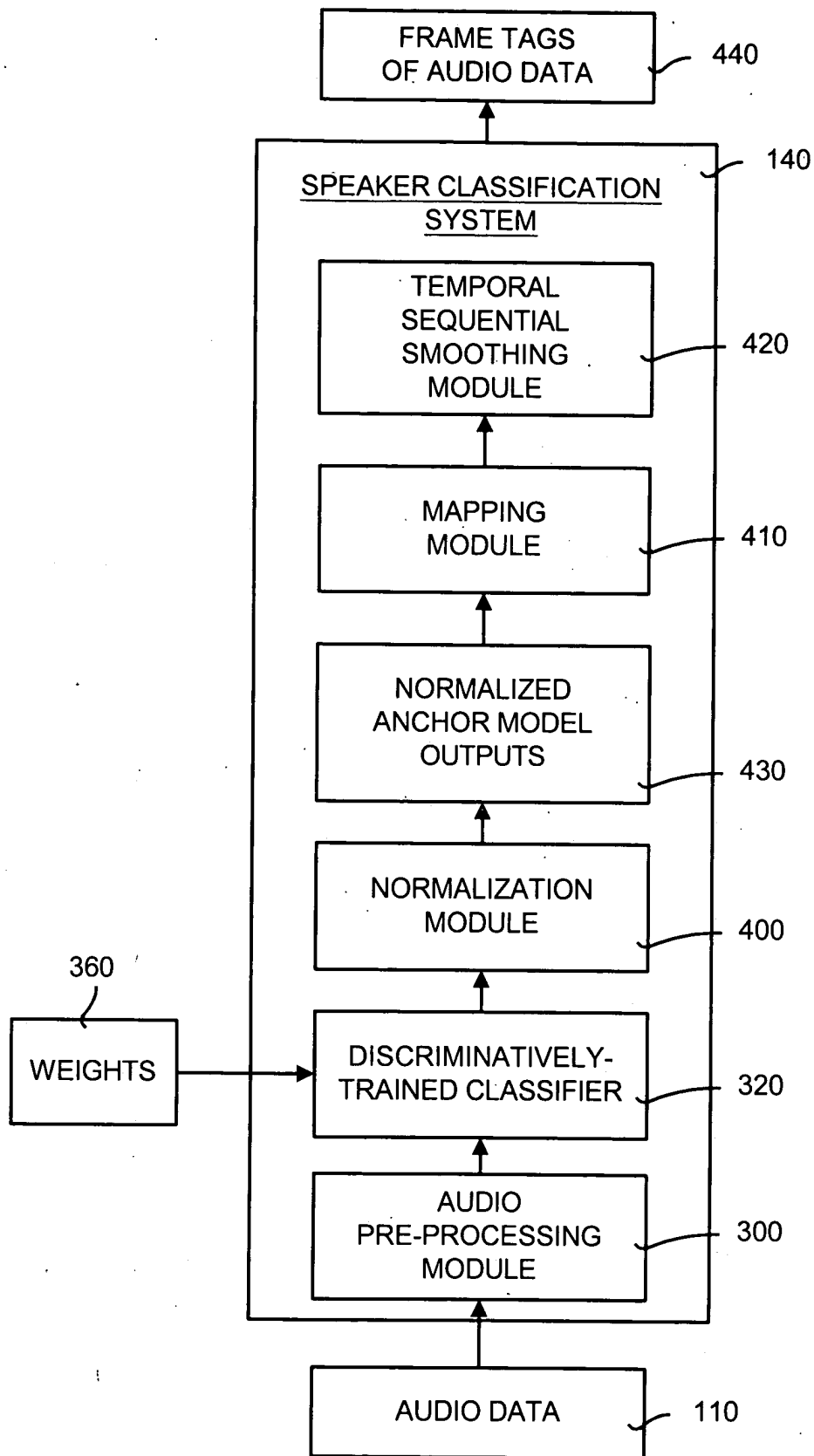


FIG. 4

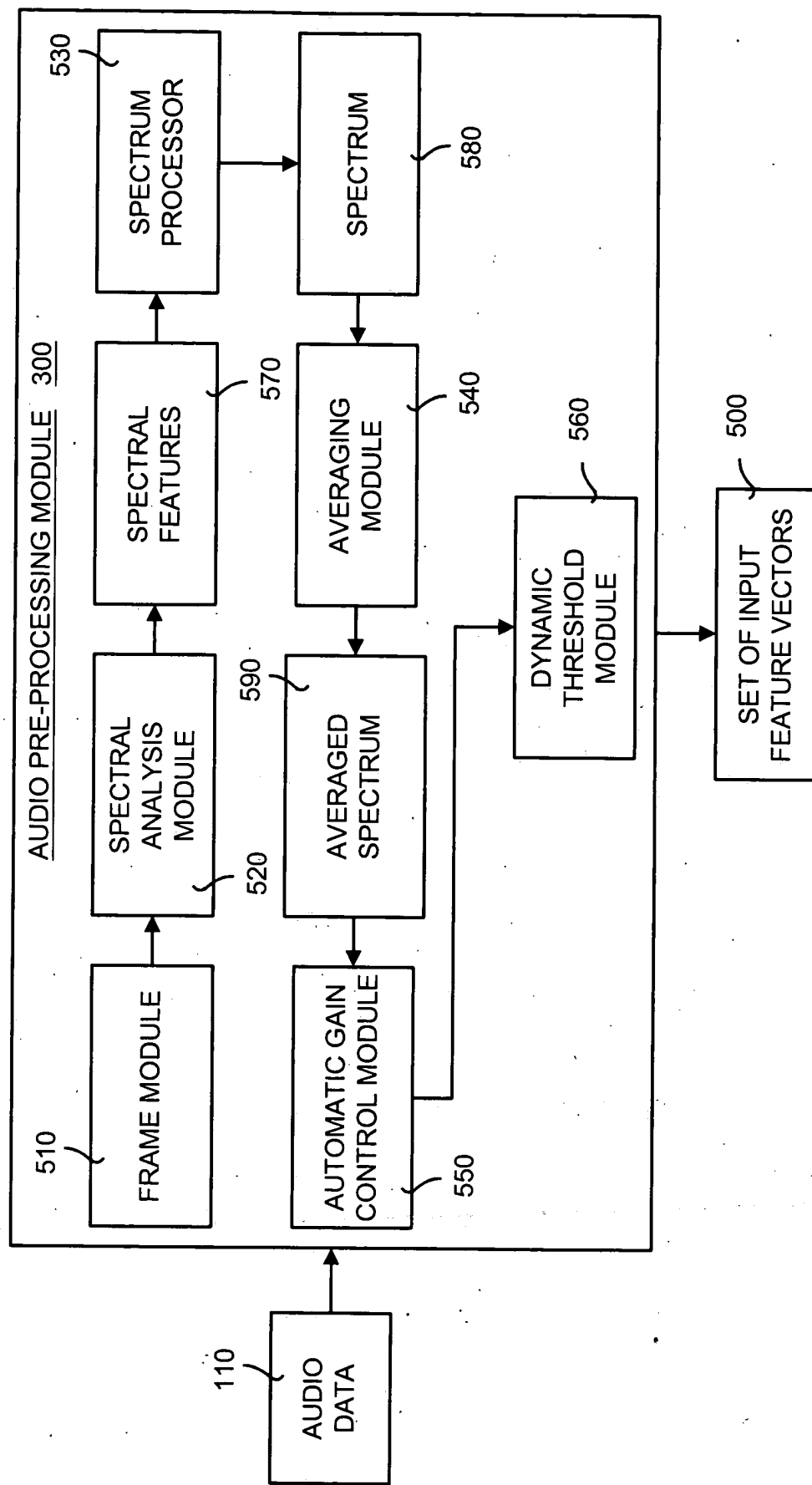


FIG. 5

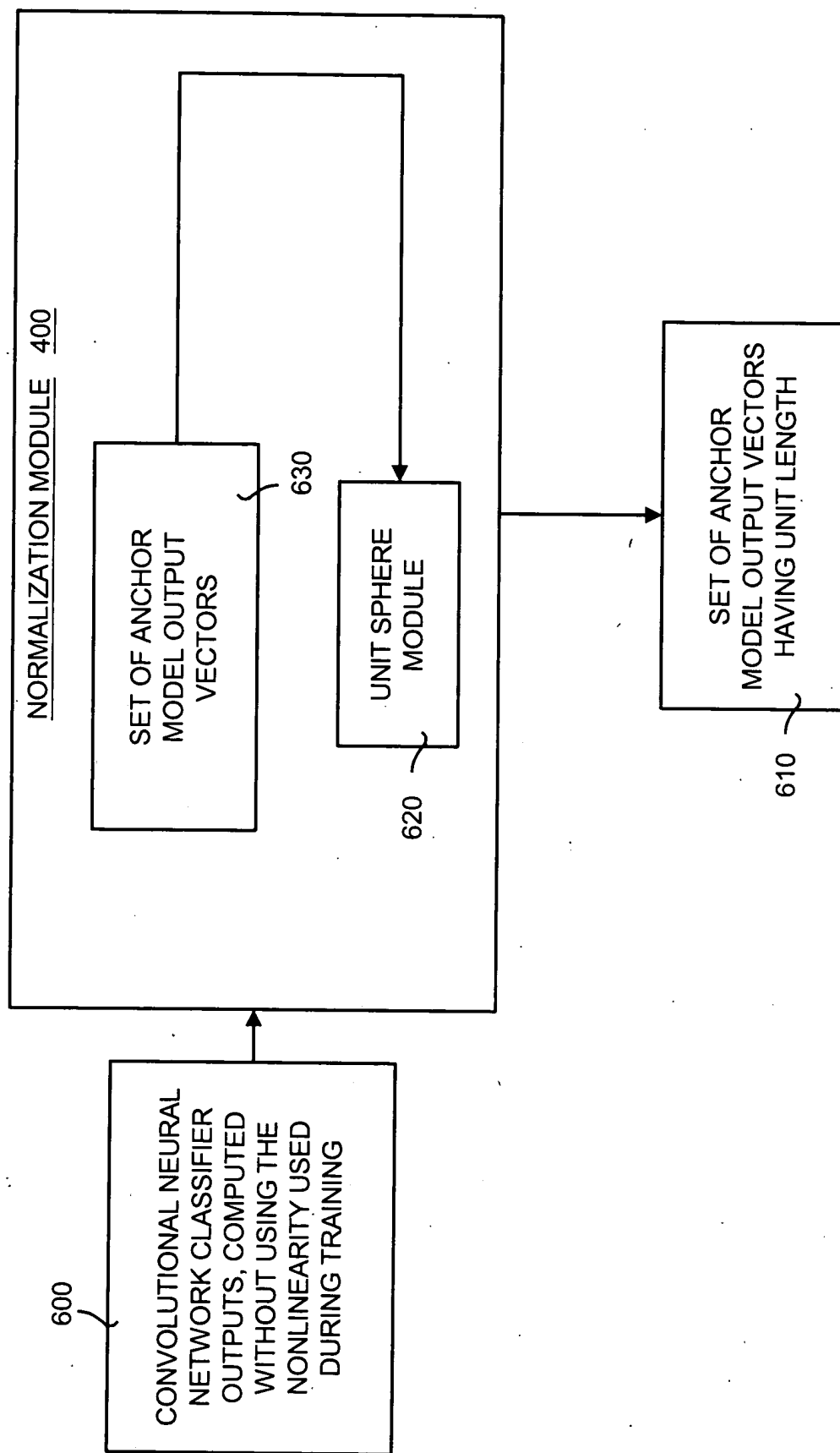


FIG. 6

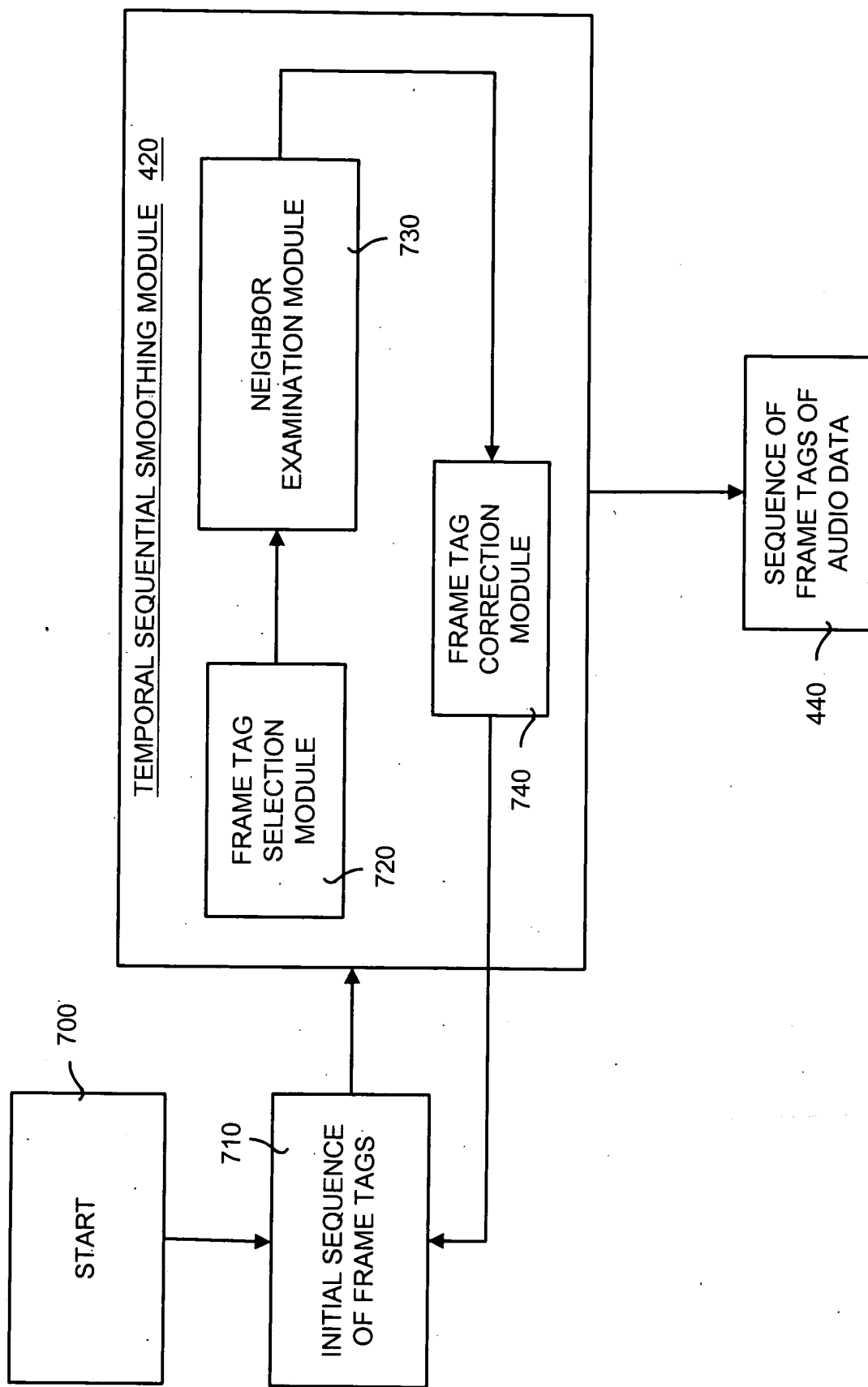


FIG. 7

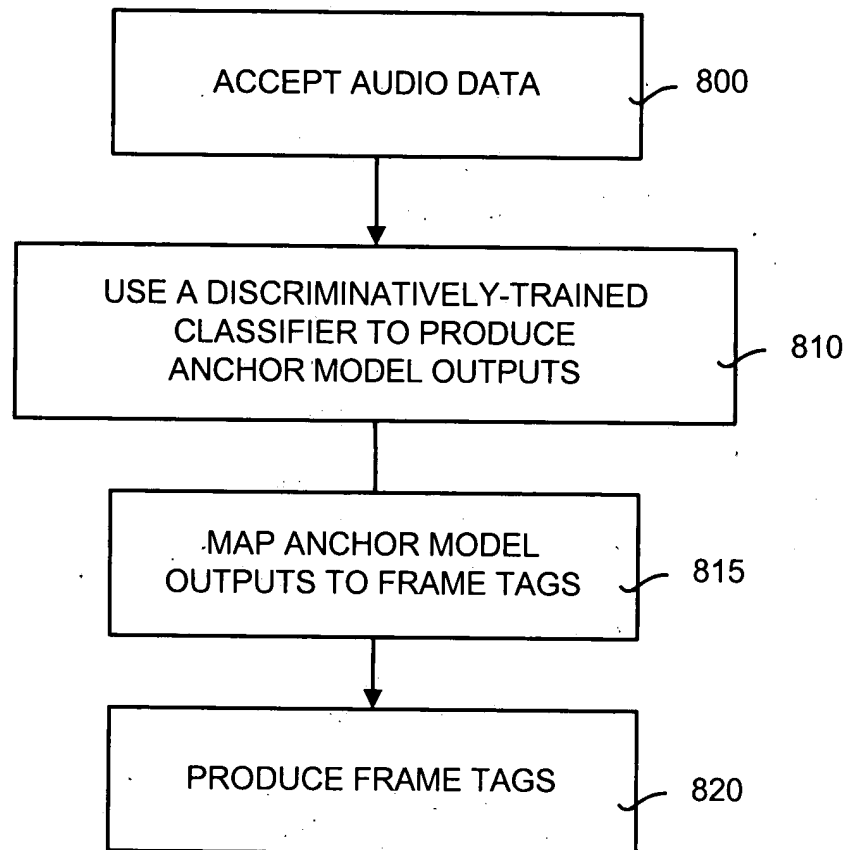


FIG. 8



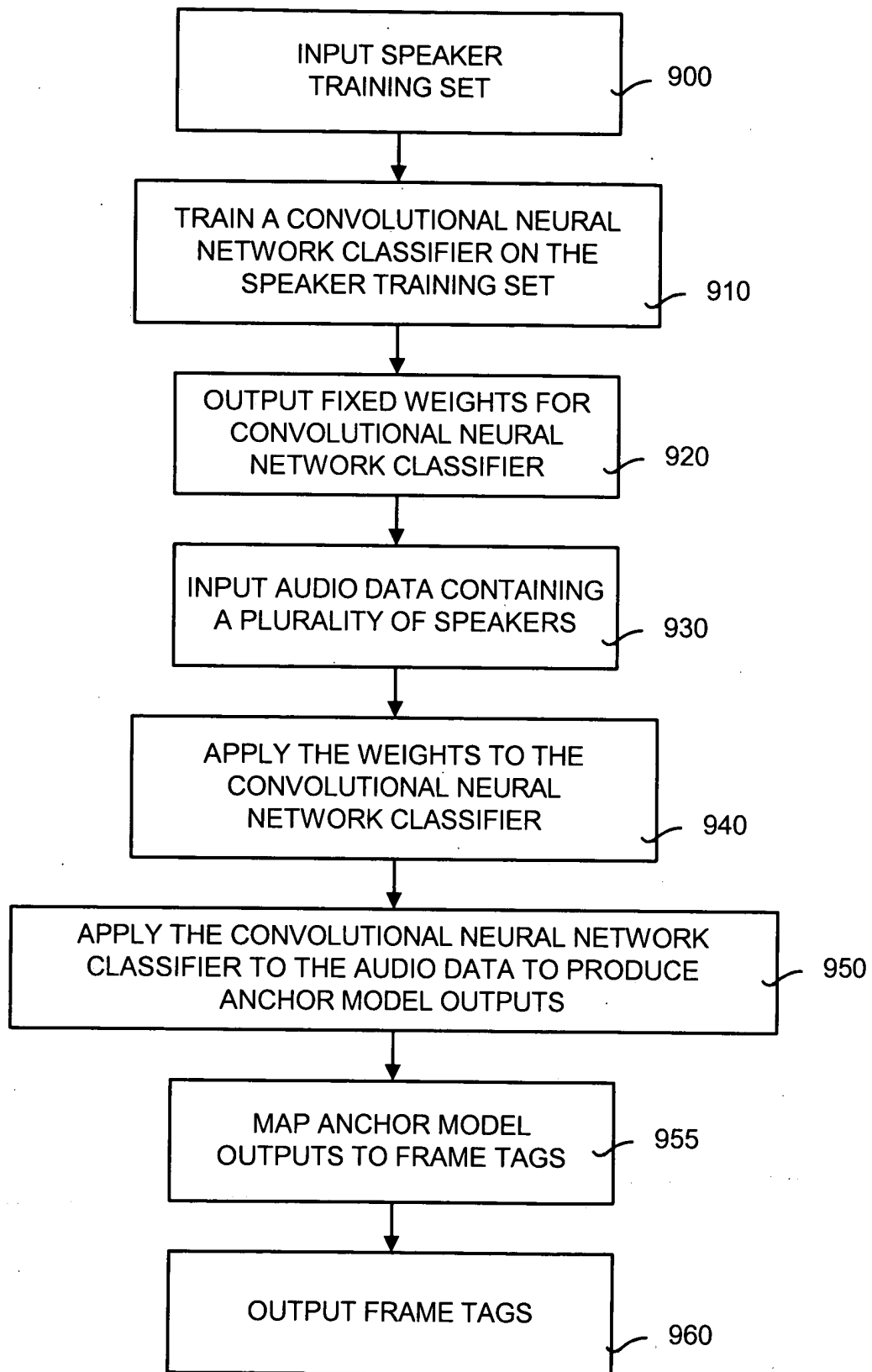


FIG. 9

SPEAKER CLASSIFICATION PHASE

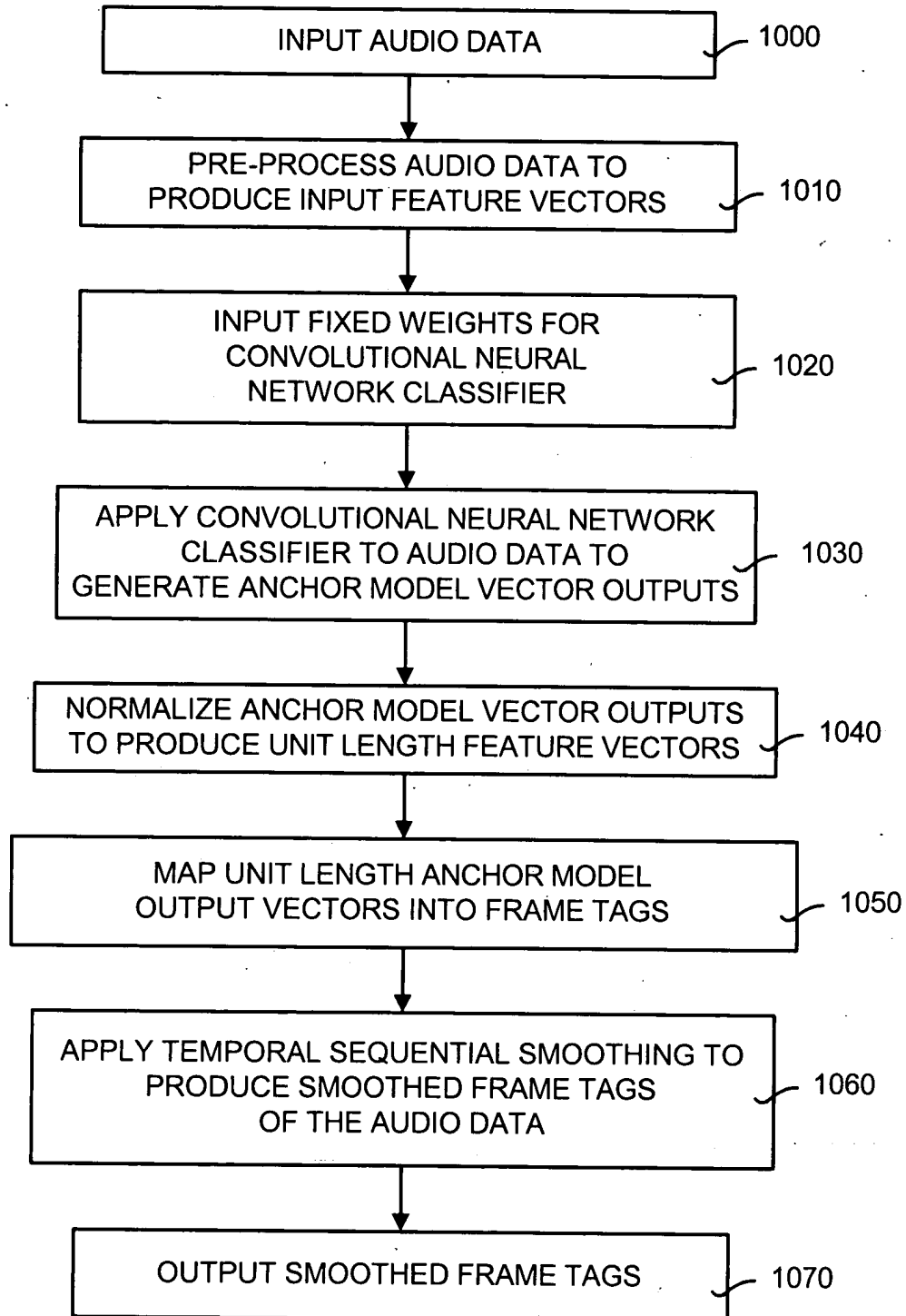


FIG. 10

## AUDIO PRE-PROCESSING

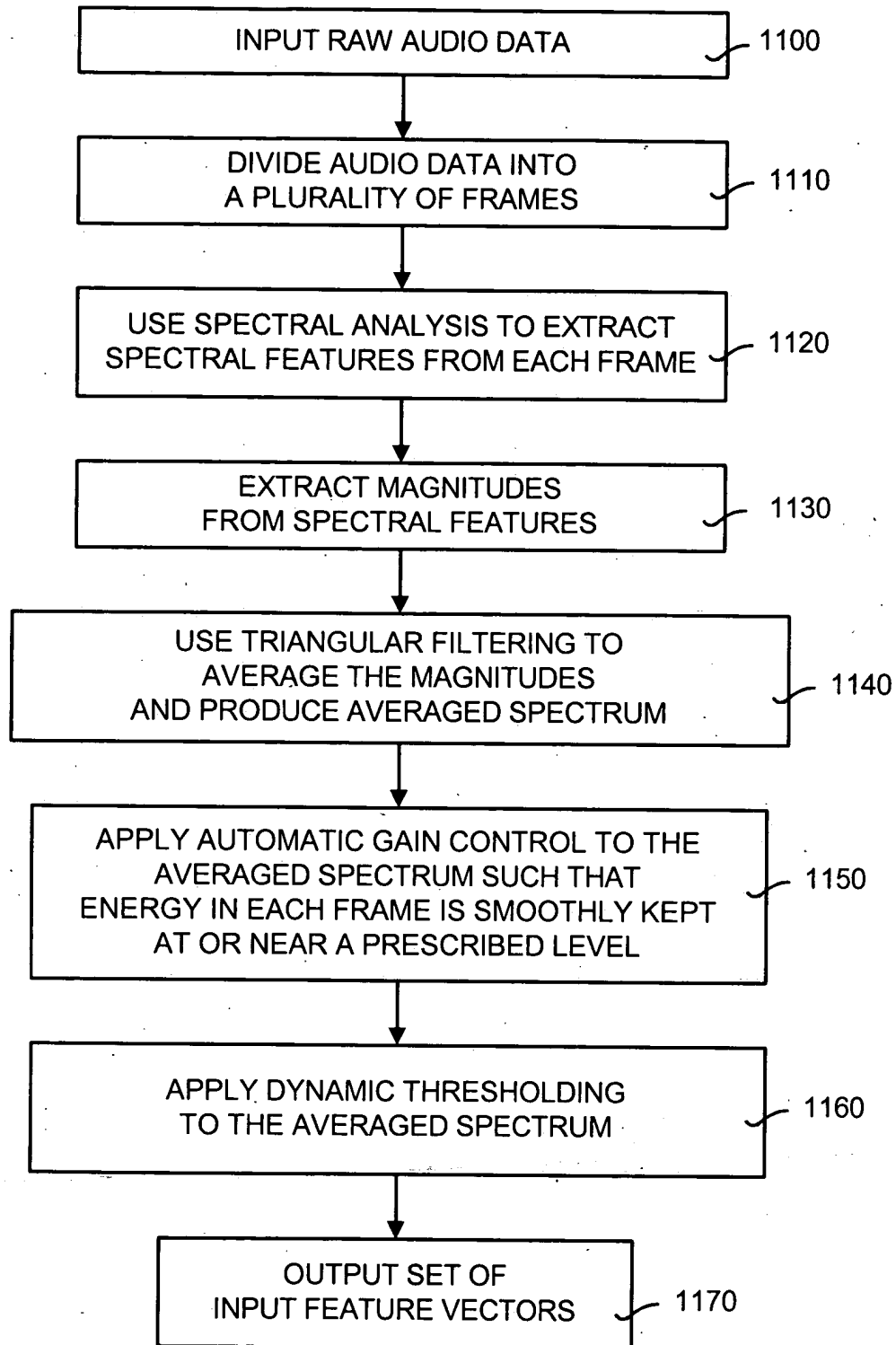


FIG. 11

### NORMALIZATION

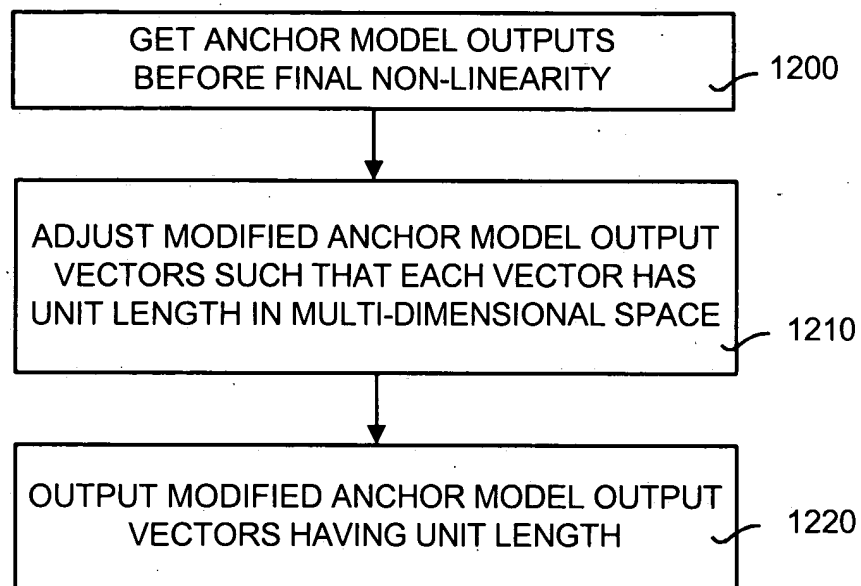


FIG. 12

# TEMPORAL SEQUENTIAL SMOOTHING

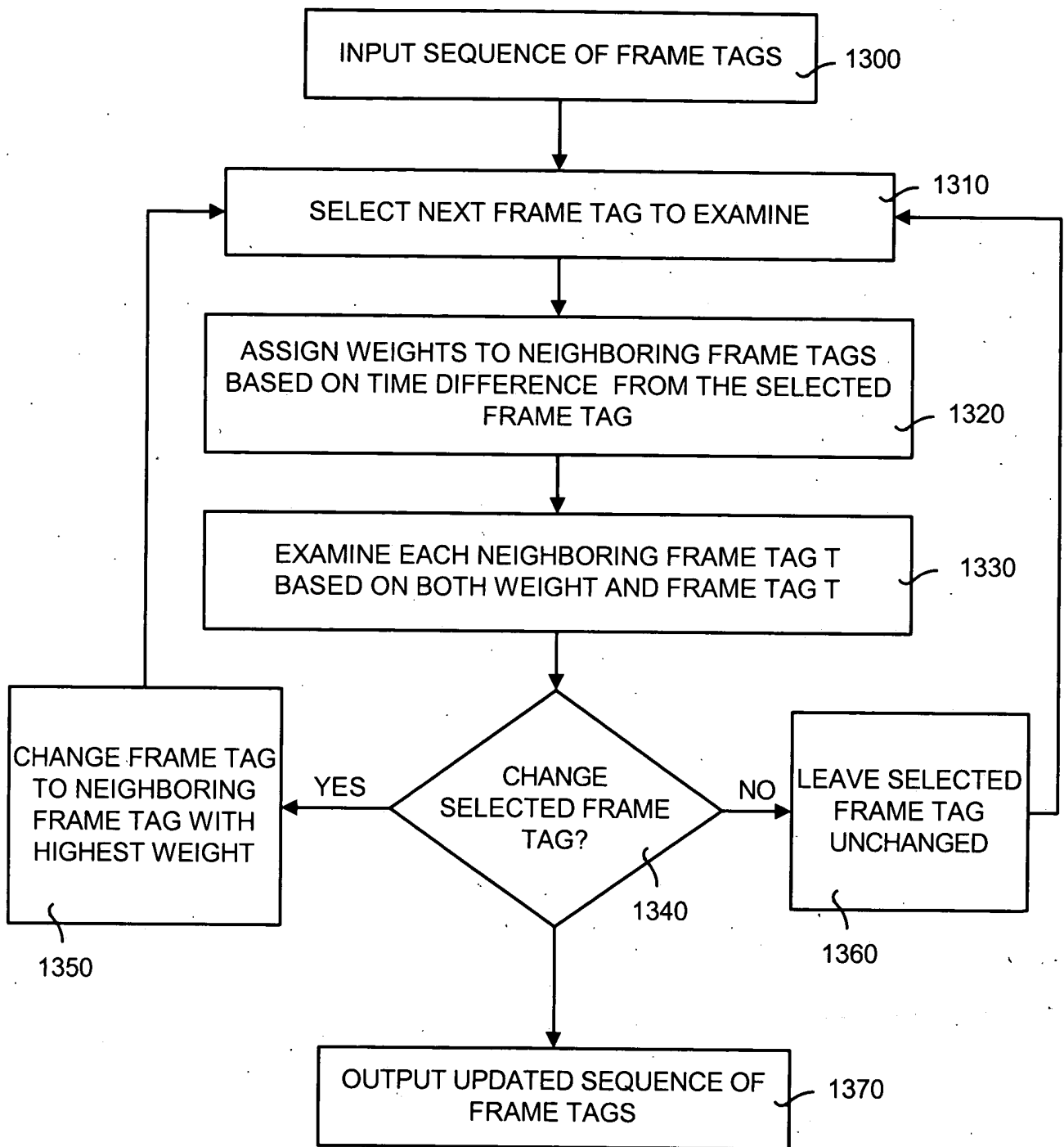


FIG. 13

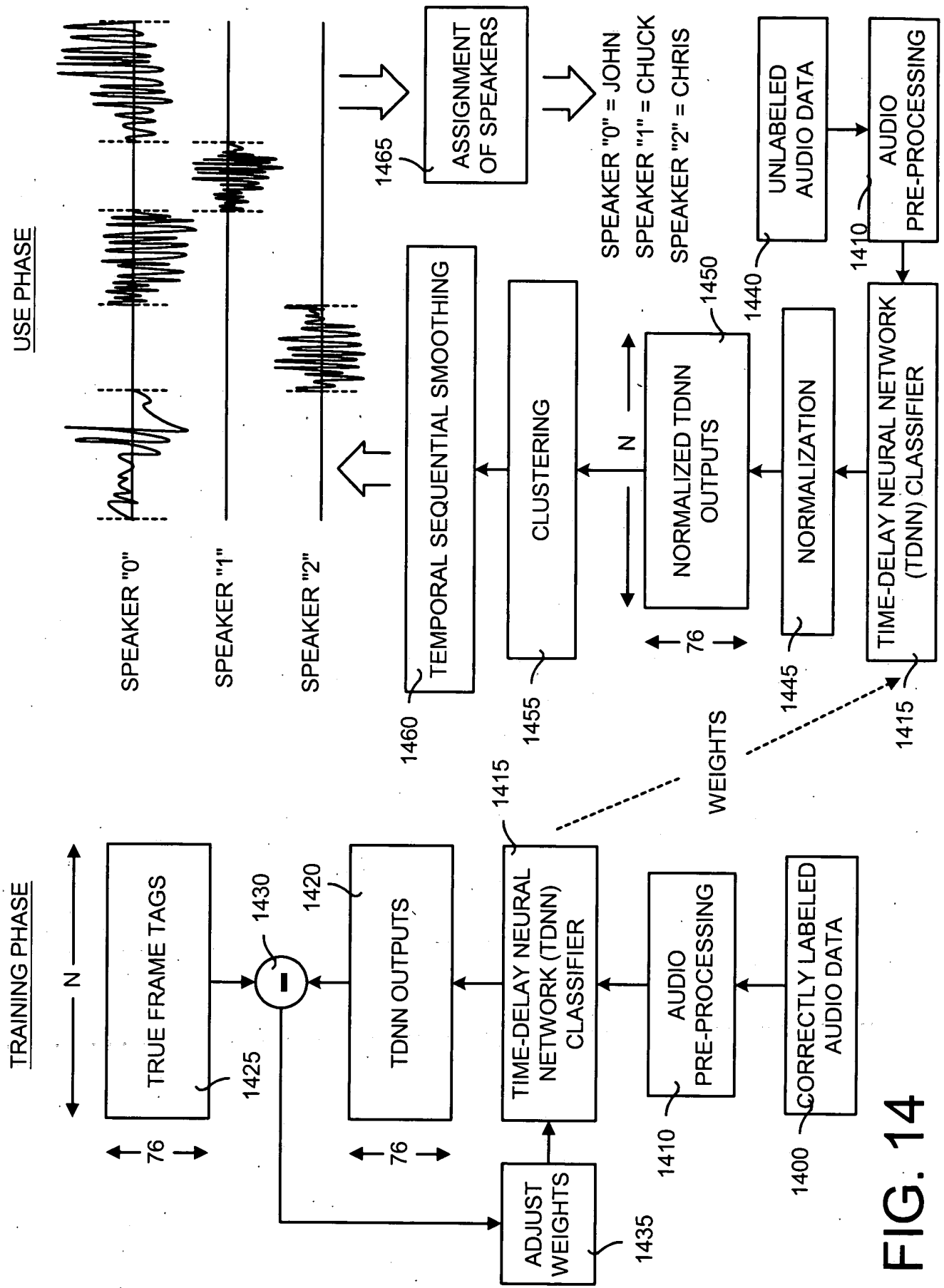


FIG. 14

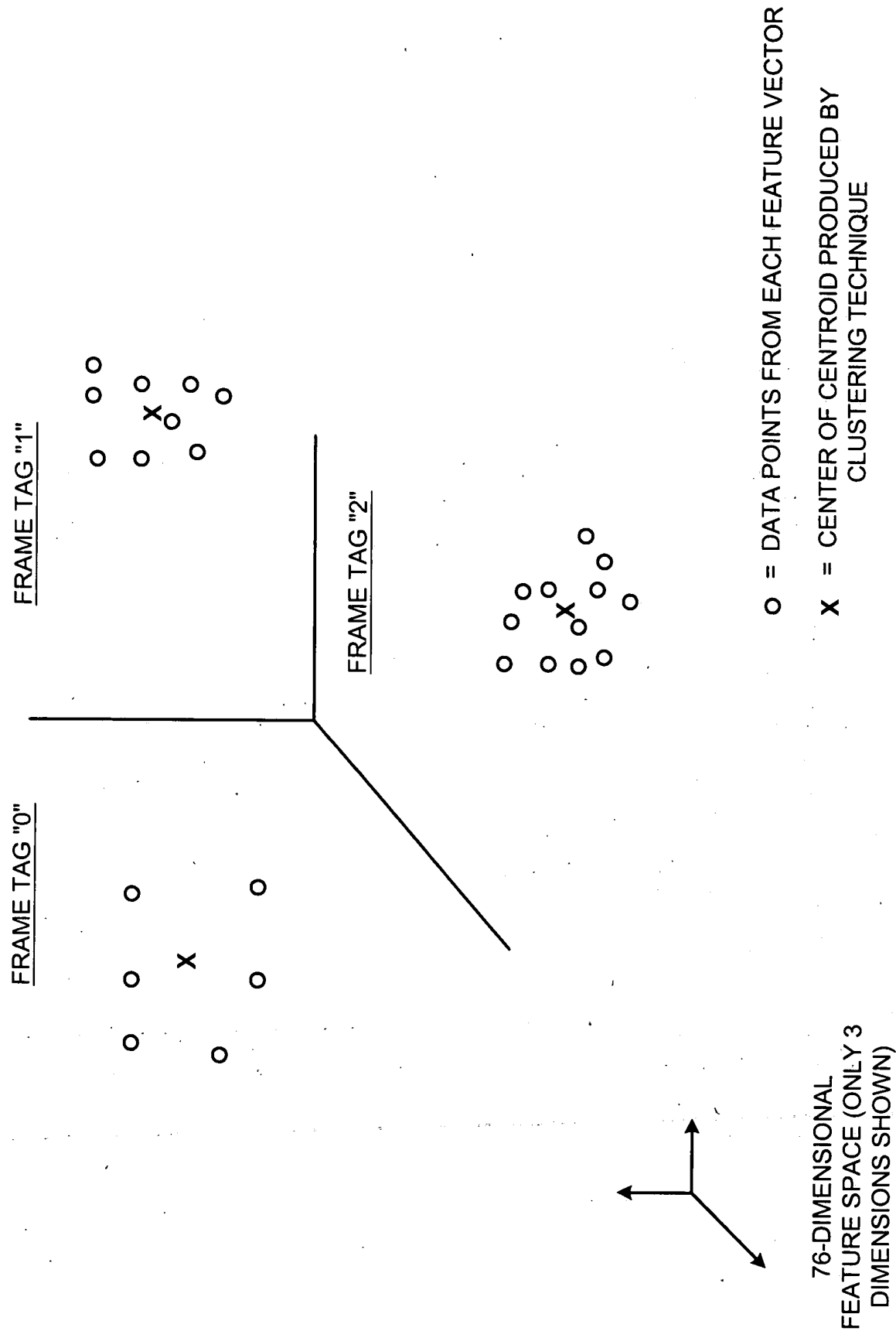


FIG. 15